

Work Order ID 89850

Tuesday, September 11, 2012 12:42:56 PM

Page 1

Item ID: D4710-1

Accept

N900040100

Setup Start

NS1

Revision ID: PRELIM

Item Name: Spacer

Stop

NS2

Start Date: 9/14/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 9/18/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

NR1

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4710

100

0.00

100

Hardinge CNC LATHE SMALL

Doosan

Memo

0.00

Doosan Lathe

TURN AS PER DWG

FOLIO REV: _____

DWG REV: _____

DEBURR

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

RELEASED DRAWINGS
PRELIMINARY ISSUE ATTACHED
89850 APR 29 2013

FAI A 40

DAS
13
2-83

12016

DAS
13
2-83

12016

DAS
29
2-83

12/18/24

Picklist Print

Tuesday, September 11, 2012 12:42:56 PM

Page 1

Work Order ID: 89850

Parent Item: D4710-1

Parent Item Name: Spacer

Start Date: 9/14/2012

Required Date: 9/18/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 12-09-11 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELNR1.500 Inventory		Purchased	No				f	18.5000		0.1263158			

Location

Loc Qty

Loc Code

MAT055

18.5

121971

8

122042

10.5

20 ¹³ ₈₃ 129116

$\phi 1.38$

R0.690

$\phi .790$
R0.395
CSK $\phi 0.82 \times 90^\circ$

0.60

90°

0.125

D4710-1 ADAPTER RING

89850

PRELIMINARY ISSUE

12.09.04

NOTES:

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, BLACK
REF: DART M-DELRIN-R0.700
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4710-1" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: 0.05 lbs

PA1	NEW ISSUE	RP	12.08.04
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. PA1
MFG. APPR.		D4710	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		SPACER	NTS
DATE	12.09.04	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

Receiving Report

Date: D-6-11
 Supplier: Sabic

Batch No: 122042
 Dart P/O: 17/65

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection OK 12/06/14 N/A ☒
 Work Order N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 SP

Production/Admin: D-6-11
 Date
 Received/Costing
 Initial SP

Location

Purchase Order Receipt Listing

Page 1 of 1

Monday, June 11, 2012 2:05:34 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO17165 Receipt Dates from 6/11/2012 to 6/11/2012 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name											
		VC-GEP001	SABIC Polymershapes								
PO17165	I		MDELNR1.500	f	6/13/2012	6/11/2012	16.0000	\$7.57	0.0000	0	\$121.06
CAD	No		Inventory	f	16.0000	DESJ02		\$121.06	0.0000	0	
			I22042								

Total Received Quantity:	16.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$121.06
Total Balance Due Quantity:	0.0000

*** SHIPPER ***

SABIC Polymershapes
1250 Old Innes Rd., Unit 519

Ottawa, Ontario K1B 5L3
PST 85637 2750 TR0001
PHONE: (613)745-7043 FAX: (613)745-4291

A/C 14.05

Page: 1

SOLD TO: DART ABOSPACE LTD

SHIP TO: DART ABOSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
Canada

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
Canada
1-613-632-5200

Our Order No	Customer	GST License	PST License	Invoice Terms	Ordered	Shipped	Taken By	RDD
002137	DARABR	CHARGE GST	6112-5207	NET 30 DAYS	08.06.12		melkerrd	11.06.12
Ship.Doc.No	Salesrep	Customer P.O.#	Shipped Via	F.O.B.	Freight Terms	Inv. No.	Ship Date	
01	93	PO17165	PUROLATOR		COLLECT		11.06.12	

Ln# Location Ord B/O Ship Sku Product Code

Description

U/Price

DELIVERIES TO BE DONE BEFORE
4:00 PM ADVISE SHIPPING CO.

001 DI 16 0 16 FT 91106755

ACETRON GP ROD - BLACK
1.500 DIA.

002 1 0 1 BA 0000005

THANK YOU FOR SELECTING
SABIC POLYMERSHAPES

Shippable Weight: 17.28 Lb

SP 12-6-11

LINE No.	RECEIVING No.	PICKED BY	DATE	SHIPPED BY	DATE	VERIFIED	DATE
					8/6/12		

GOODS TO BE RETURNED WITHOUT APPROVAL FROM SABIC. ALL DISCREPANCIES MUST BE REPORTED WITHIN 10 DAYS.
ALL RETURNS MUST HAVE VALID RETURNED GOODS AUTHORIZATION NUMBER CLEARLY MARKED ON ALL PACKAGES.

SABIC
Innovative
Plastics™

سابك
sabic

CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE LTD

DATE: JUNE 8, 2012

YOUR PURCHASE ORDER: PO17165

OUR SHIPPER NO: O02137

SABIC POLYMERSHAPES LINE ITEM # 001

QUANTITY: 16 FEET

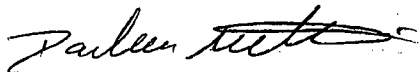
DESCRIPTION: ACETRON GP - BLACK- 1.500 DIA

*OK
12/06/14*

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH: ASTM D 6100

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE



DARLEEN MELKERT
INSIDE SALES REPRESENTATIVE

1250 Old Innes Road
Unit 519
Ottawa, Ontario
K1B 5L3

T: 613-745-7043
F: 613-745-4291
E: darleen.melkert@sabic-ip.com
www.sabic-ip.com



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO17165

Purchase Order Date 6/8/2012
PO Print Date 6/11/2012

Page Number 1 of 1

Order From :

VC-GEP001

SABIC POLYMERSHAPES
C/O T08722C/U
PO BOX 8722 STN A
TORONTO, ON M5W 3C2
CA

REFERENCE ONLY
REFERENCE ONLY

Contact Name

Vendor Phone

800 267 1575

Vendor Fax

613 745 4291

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	MDELNRIN1.500	Inventory	6/13/2012 Yes	16.00 f	✓ Purolator ground	\$7.8300	\$125.28
		Special Inst:	MATERIAL: DELRIN II ISOE OR ACETRON GP ACETAL ROUND BAR COLOR: BLACK				

PO Total: \$125.28

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

REFERENCE ONLY

REFERENCE ONLY

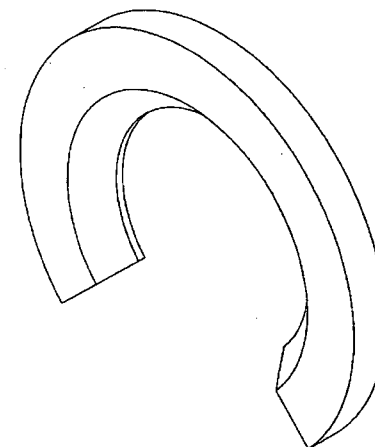
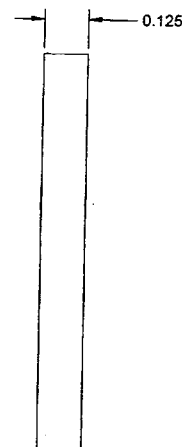
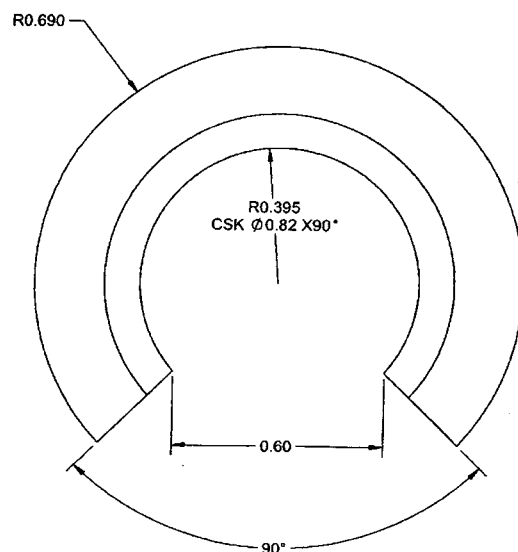
SP 12-6-8

Change Nbr: 1

Change Date: 6/8/2012

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO



D4710-1 SPACER

89850

2012-10-12

NOTES:

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, BLACK
REF: DART M-DELRIN-R0.750
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4710-1" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: 0.05 lbs

A		NEW ISSUE		RP	12.09.19
REV.		DESCRIPTION		BY	DATE
DESIGN		RP	DART AEROSPACE USA, INC. KENT, WA		
DRAWN		RP			
CHECKED		A.P.	DRAWING NO.		REV. A
MFG. APPR.		<i>[Signature]</i>	D4710		SHEET 1 OF 1
APPROVED		<i>[Signature]</i>	TITLE		SCALE
DE APPR.		<i>[Signature]</i>	SPACER		NTS
DATE		12.09.19	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other